KUVYKIN, B.A., prof.; PSHENITSYN, P.A., inzh.; GORDEYEV, A.A., inzh.; VIKTOROV, A.M., inzh.; MOLCHANOVSKIY, A.S., red.

[Concrete for hydraulic engineering; a manual to improve the qualifications of workers in laboratories for concrete used in hydraulic structures] Gidrotekhnicheskii beton; uchebnoe posobie dlia povysheniia kvalifikatsii rabotnikov laboratorii betona gidrotekhnicheskikh stroitel'stv. [By] B.A.Kuvykin i dr. Moskva, Energiia. No.1. 1964. 112 p. (MIRA 17:9)

OBMORSHEV, Aleksandr Nikolayevich; PETROV, V.V., red.; GORDEYEV, A.A., red.

[Introduction to the theory of oscillations] Vvedenie v teoriiu kolebanii. Pod red. V.V.Petrova. Moskva, Nauka, 1965. 276 p. (MIRA 18:12)

ACC NR: AP6022076 SOURCE CODE: UR/0141/66/009/003/0507/0512

AUTHOR: Grechishkin, V. S.; Gordeyev, A. D.; Aynbinder, N. Ye.

ORG: Perm' State University (Permskiy gosudarstvennyy universitet)

TITLE: Quadrupole relaxation in a multilevel system [Report at the 12th Conference on Low-Temperature Physics, Kazan', 1965]

SOURCE: IVUZ. Radiofizika, v. 9, no. 3, 1966, 507-512

TOPIC TAGS: quadrupole ~~relaxation~~ moment, spin relaxation

ABSTRACT: The quadrupole relaxation is studied for a spin of J = 7/2 as this spin provides interesting possibilities for investigating the effect of initial conditions on the speed of relaxation. The method of kinetic equations is used; the operational Laplace method is used for solving the population equations. A relation between relaxation constants is derived; the relaxation process is complex and, in most cases, can be described by three relaxation constants. With small $\gamma = W_2/W_1$, the rate of approaching the equilibrium, in a multilevel system, can be controlled by varying the initial conditions (applying several r-f fields simultaneously). With

Card 1/2 UDC: 539.285

ACC NR: AP6022076

$\gamma = 5$, the position of the second 90°-pulse (zero initial condition for a $3/2 \leftrightarrow 5/2$ transition) accelerates the attainment of equilibrium between $1/2 \leftrightarrow 3/2$ levels; with $\gamma = 0.1$, even a population inversion is possible. Variation of initial conditions does not affect the value of relaxation constants but substantially changes the value of coefficients before the exponentials; in some cases, this variation results in a rapid approach of population differences to the equilibrium distribution. An experimental verification included a study of nuclear resonance of Sb^{123} ($J = 7/2$) in several $SbCl_3$- and $SbBr_3$-based compounds at 77K (M. J. Weber et al., Phys. Rev., 120, 365, 1960). "The authors wish to thank A. N. Osipenko and Ye. M. Shishkin for their help in calculations." Orig. art. has: 7 figures, 12 formulas, and 1 table.

SUB CODE: 20 / SUBM DATE: 08Sep65 / ORIG REF: 001 / OTH REF: 006

Card 2/2

ACCESSION NR: AP4043387 S/0181/64/006/008/2528/2530

AUTHORS: Grechishkin, V. S.; Gordeyev, A. D.

TITLE: Quadrupole relaxation in tetrachloronaphthalene crystals

SOURCE: Fizika tverdogo tela, v. 6, no. 8, 1964, 2528-2530

TOPIC TAGS: organic crystal, quadrupole relaxation, nuclear quadrupole resonance, chlorine, line splitting, spin spin relaxation

ABSTRACT: Nuclear quadrupole resonance of the Cl^{35} nucleus was investigated in 1,4,5,8-$C_{10}H_4Cl_4$. A frequency modulated super-regenerator was used to observe the nuclear quadrupole resonance (NQR) (V. S. Grechishkin, PTE, no. 2, 31, 1959). Two absorption lines were observed at 34,830 and 36,234 Mc for 291K and 35,238 and 36,768 Mc at 77K, with a considerable splitting (1.53 Mc at 77K and 1.404 Mc at 291K). To explain this effect, the sample was investigated in an NQR spin-echo installation. Measurement of the spin-spin

Card 1/2

ACCESSION NR: AP4043387

relaxation time has shown that this time differs for the two NQR lines in the tetrachloronaphthalene, thus indicating the presence of strong intermolecular interaction in this crystal. It is mentioned that such crystals very frequently have piezoelectric properties. Orig. art. has: 1 figure.

ASSOCIATION: Permskiy gosudarstvenny*y universitet (Perm State University)

SUBMITTED: 11Mar64 ENCL: 00

SUB CODE: SS NR REF SOV: 001 OTHER: 002

Card 2/2

L 21170-65 EWT(m)/EWP(j)/EWP(t)/EWP(b) IJP(c)/AFWL/SSD RM/JD

ACCESSION NR: AP5003045 S/0051/65/018/001/[illegible]

AUTHOR: Grechishkin, V. S.; Gordeyev, A. D.

TITLE: [illegible]uadrupole relaxation in complex compounds of antimony [illegible]

SOURCE: Optika i spektroskopiya, v. 18, no. 1, 1965, 172-175

TOPIC TAGS: antimony compound, quadrupole relaxation, spin lattice relaxation, [illegible]

ABSTRACT: The authors measured the three relaxation times of quadrupole [illegible] [illegible]

[illegible] complexes are formed [illegible]

same order of magnitude whereas usually $T_2 \ll T_1$. It is suggested [illegible]

Card 1/3

L 21170-65
ACCESSION NR: AP5003045

that T_2 in complex compounds of $SbCl_3$ is determined essentially by the magnetic dipole-... [illegible] between the nuclei. The small value ... [illegible] ... that the quadrupole mechanism is responsible for the sp... [illegible]

ASSOCIATION: None

SUBMITTED: 27Mar64 ENCL: 01 SUB CODE: [illegible]

Card 2/3

L 21170-65
ACCESSION NR: AP5003045

Card 3/3

AGABYAN, L. P.; BONDARENKO, I. I.; GORDEYEV, A. G.

"Effects of cross-section resonance structure on neutron diffusion and resonance effects on fissionable nuclei."

report submitted for 3rd Intl Conf, Peaceful Uses of Atomic Energy, Geneva, 31 Aug-9 Sep 64.

PERMYAKOV, G.N.; GORDEYEV, A.I., slesar'.

Using the S-251 mortar pump for whitewashing. Rats. i izobr. predl. v stroi. no.5:18-20 no.5:18-20 '58. (MIRA 11:6)

1.Glavnyy mekhanik stroitel'nogo uchastka Zhilstroy tresta Kuznetsktyazhstroy (for Permyakov) 2.Stroitel'nyy uchastok Zhilstroy treste Kuznetsktyazhstroy (for Gordeyev).
(Painting, Industrial--Equipment and supplies)
(Pumping machinery)

L 35023-65 EEC-2/EWT(d)/FSS-2/EWP(v)/EWP(k)/EWP(h)/EED-2/EWP(1) Po-4/Pq-4/Pf-4/

BOOK EXPLOITATION

Gordeyev, Anatoliy Ivanovich (Candidate of Technical Sciences, Engineer ...

Autonomous control systems in ballistic rockets (Avtonomnyye sistemy ...

TOPIC TAGS: ballistic rocket, rocket control system, autom...

... the basic ...

autonomous control systems are determined. The book describes the ...

... of a rocket relative to the ...

stabilization of the center of mass relative to a programmed ...

tended for enlisted men and noncommissioned officers, students in mili...

Card 1/2

L 45823-65

ACCESSION NR AM4046722

become acquainted with the problems of ballistic rocket control. The book is

TABLE OF [illegible] (abridged):

SUBMITTED: 11Feb64 SUB CODE: NO

NO REF SOV: 009 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000516120015-0"

BELOV, N.N.; BOL'SHAM, Ya.M.; GORDEYEV, A.N.; GRACHEV, V.A.; YERMILOV, A.A.; ZALESSKIY, A.M.; KIZNVETTER, Ye.N.; KNOHRING, G.M.; KONSTANTINOV, B.A.; KOPYTOV, N.V.; LEVIT, G.O.; MILLER, G.P.; NAYFEL'D, M.P.; PRINTSEV, A.A.; SERBINOVSKIY, G.V.; SOKOLOV, B.A.; STASILOYTS, A.B.; TAYTS, A.A.; KHRAMUSHIN, A.M.

Mikhail Konstantinovich Kharchev; obituary. Belov and others. Prom. energ. 12 no.12:33 D '57. (MIRA 10:12)
(Kharchev, Mikhail Konstantinovich, 1896-1957)

KUZ'MIN, G.L., prof., GORDEYEV, A.S., dotsent

Analytical calculation for an "opaque" hydraulic torque converter. Trudy MIIT no.128:77-91 '60. (MIRA 13:7)
(Diesel locomotives--Hydraulic drive)

GORDEYEV, A.S., kand.tekhn.nauk, dotsent

Problems in the analysis and synthesis of the hydrodynamic transmissions of diesel locomotives. Trudy MIIT no.150:67-102 '62. (MIRA 16:2)
(Diesel locomotives—Hydraulic drive)

GORDEYEV, A.S., kand.tekhn.nauk, dotsent

Studying the blading of hydrotransmitters. Trudy MIIT no.175: 5-35 '63.

Experimental study of the structure of the flow in the blading of a regulated hydraulic torque converter. Ibid.:36-58 (MIRA 16:12)

GORDEYEV, A.S., kand.tekhn.nauk; YUSHKO, V.I., inzh.

Investigating the single-flow hydrodynamic transmission with a synchronizing hydraulic clutch. Trudy MIIT no.175:59-72 '63. (MIRA 16:12)

GORDEYEV, A.S., kand.tekhn.nauk, dotsent; NATOVICH, M.I., aspirant

Coordination of the intake and outlet angles of the blading systems of hydraulic torque converters. Trudy MIIT no.175:96-107 '63. (MIRA 16:12)

GORDEYEV, A.S., kand. tekhn. nauk; NATOVICH, M.I., inzh.

Studying the reverse Class I hydraulic torque converter. Trudy MIIT no.184:24-32 '64. (MIRA 17:10)

GORDEYEV, A.S., prof. doktor tekhn. nauk; YUSHKO, V.I., kand. tekhn. nauk; MITSKEVICH, V.G., inzh.

Modeling of the switching process in the reversing gear of hydraulic drives of diesel locomotives. Trudy MIIT no.195: 156-164 '64. (MIRA 18:9)

ACC NR: AT7005057 SOURCE CODE: UR/2649/66/000/232/0050/0055

AUTHOR: Gordeyev, A. S. (Doctor of technical sciences, Professor); Klokov, V. G. (Engineer); Yanovskiy, M. F. (Engineer)

ORG: None

TITLE: Effect of the shape of blade profiling on the characteristics of a type TP-1000 hydraulic coupling

SOURCE: Moscow. Institut inzhenerov zheleznodorozhnogo transporta. Trudy, no. 232, 1966. Gidroperedachi teplovozov i gruzopod"yemnykh mashin (Hydraulic transmissions of diesel locomotives and hoisting machines), 50-55

TOPIC TAGS: hydraulic engineering, hydraulic device, blade profile, sheet metal

ABSTRACT: The article is a report on experiments conducted in the Hydraulic Transmission Laboratory of the Moscow Institute of Transportation Engineers in conjunction with the Kaluga Machine Building Plant to determine the effect which the shape of blade profiling in the pump runner and two reactor wheels has on the characteristics of a type TP-1000 hydraulic coupling. Comparative tests of conventional blades made according to plant drawings and blades of constant thickness notched on the input and output edges without mechanical finishing of the working surfaces, as well as experiments on a hydraulic converter model with artificial distortion of the blade profiles showed

Card 1/2

ACC NR: AT7005057

the possibilities for effective use of constant-thickness blades. The experimental TP-1000 hydraulic converter is made in two versions--one with a standard blade system and the other with blades in the form of arcs of constant thickness with notches on the input and output edges--so that the two blade systems may be subjected to comparative tests while eliminating the effect of other factors on the hydraulic characteristics. Tests at pump speeds of 1000-4500 rpm using DT GOST 4749-49 diesel fuel as the working fluid showed that the profiling of the blades in the pump runner and reactors has an insignificant effect on the external characteristics of the hydraulic coupling. This conclusion is important from the standpoint of technological economy since considerable savings can be realized by using blades pressed from sheet steel in hydraulic couplings of this type. Orig. art. has: 3 figures.

SUB CODE: 13/ SUBM DATE: None/ ORIG REF: 03

Card 2/2

KUZ'MIN, V.P., inzh.; GORDEYEV, A.T., inzh.

Pocket audiometer for the blaster foreman. Bezop.truda v prom. 6 no.12:23 D '62. (MIRA 15:12)

1. Vostochnyy nauchno-issledovatel'skiy institut po bezopasnosti rabot v gornoy promyshlennosti.
(Audiometer)

MASLOV, Aleksey Vasil'yevich; LARCHENKO, Yefim Gerasimovich; GORDEYEV, Aleksandr Vasil'yevich; ALEKSANDROV, Nikolay Nikolayevich; Prinimal uchastiye BATRAKOV, Yu.G.; ZUBRITSKIY, I.V., prof., retsenzent [deceased]; VASIL'YEVA, V.I., red.izd-va; ROMANOVA, V.V., tekhn. red.

[Geodesy] Geodeziia. [By] A.V.Maslov i dr. Moskva, Izd-vo "Nedra." Pt.1. 1964. 490 p. (MIRA 17:4)

1. Zaveduyushchiy kafedroy geodezii Belorusskoy sel'skokhozyaystvennoy akademii (for Zubritskiy).

GORDEYEV, A. V.

27840. Gordeyev, A. V. Kul'tury sosny krymskoy na nizhnedneprovskikh peskakh. Les. i step' 1949 No. 2, s. 86-89.

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

GORDEYEV, A. V.

PA 48/49T8

USSR/Agriculture Mar/Apr 49
Reforestation
Turpentine Production

"Extending the Crimean Pine Area in Order to Forest the Sandy Region of the Steppe Zone and Create a New Center for Turpentine Production in the USSR," A. V. Gordeyev, 3 3/4 pp

"Iz v-s Geograf Obshch" Vol LXXXI, No 2

All sandy area of Ukraine and European part of USSR is to be reforested by 1965. Explains why Crimean (larch) pine is most suitable tree for this purpose.

[redacted] 48/49T8

1. GORDEYEV, A. V.

2. USSR (600)

4. Turpentine

7. Quality of resin and turpentine from high-yielding species of pine. Der.i lesokhim. prom. 1 no. 6, 1952.

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

GORDEYEV, A. V.

Pine

Two very resiniferous varieties, Crimean pine and Austrian pine. Les. khoz. 5, no. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1952 1953. Unclassified

GORDEYEV, A.V.

Selection of principal varieties of trees for afforestation of the lower Dnieper sands. Geog.sbor. no.2:116-133 '53. (MLRA 7:2) (Dnieper Valley--Afforestation) (Afforestation--Dnieper Valley)

GORDEYEV, A.V., kandidat sel'skokhozyaystvennykh nauk.

Live tree stumps. Priroda 41 no.7:114-115 Jl '53. (MLRA 6:6)

1. Tsentral'nyy nauchno-issledovatel'skiy institut lesnogo khozyaystva.
(Trees)

GORDEYEV, A.V., kandidat sel'skokhozyaystvennykh nauk.

Character and dynamics of sap flow of the Crimean pine. Der. i lesokhim.prom. 3 no.10:9-11 O '54. (MLRA 7:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut lesnogo khozyaystva.
(Crimean pine)

GORDEYEV, A.V.

Survey of pine species on the basis of their oleoresin yield and adaptability to continuous tapping. Geog.sbor. no.5:107-121 '55. (Pine) (Oleoresins) (MLRA 9:6)

Gordeyev, A.V.

USSR/Forestry. Forestry and Forest Cultivation. J-3

Abs Jour: Referat Zh-Biol., No 6, 1957, 22586

Author : Gordeyev, A.V.
Inst : 0
Title : The creation of a highly productive resinous raw materials base by forestation of steppe zone sands.

Orig Pub: Geogr. sb., 1955, 5, 122-137

Abstract: Beginning in the spring of 1947, investigations were conducted on rosin productivity of Crimean pine (Pinus pallasiana Lamb.) and black Austrian pine (Pinus nigra Arn.). Tests on tapping were conducted on Crimean pine cultivations of lower Dnepr and lower Don sands and on black Austrian pine cultivations in the Voronezh oblast. The Crimean pine under Lower Dnepr sands conditions is 2-2½ times greater in yield of oleoresin than the ordinary pine and is capable of increasing oleoresin yield in the 2nd-3rd year of tapping by 10-20%. Cultivations of 22 year

Card : 1/3 -22-

USSR/Forestry. Forestry and Forest Cultivation. J-3

Abs Jour: Referat Zh.-biol., No 6, 1957, 22586

lower Don plantations of Crimean pine exceeds the coefficient of resin productivity of lower Dnepr plantations by 25-30%. It was established that transverse cuttings are unsuitable for black Austrian pine, and that cuttings of the French type are acceptable.

Card : 3/3

Abs Jour: Referat Zh.-Biol., No 6, 1957, 22586

old Crimean pine have the same coefficient of resin productivity as the middle-aged and maturing ones. In sparse cultivations the outflow of soft resin from cuttings (?) is considerably increased. The flow of soft resin in tapping Crimean pine by a descending and French method differs very little. The healing of French cuttings (?) on the Crimean pine in conditions of lower Dnepr sands takes place in 20 years. A correlation is established between heavy weight and black coloration of seed on the one hand and the heightened yield of resins of Crimean pine on the other. A thick cultivation of Crimean pine is recommended, by planting no less than 10 thousand 2 year-old seedlings per hectare, to insure sufficient space for placing cuttings by clearing stems of branches and interior fellings conducive to selecting the most productive trees. A plan is suggested for cultivation of resin-producing plantations and a plan for their exploitation. It is noted that the coefficient of resin productivity of

GORDEYEV, A. V.

GORDEYEV, A. V.: "Creating highly productive raw-material bases for protracted 'podsochnyy' farming on the sandy steppe soils of the European portion of the USSR." Min Higher Education USSR. Leningrad Order of Lenin Foresty Engineering Academy imeni S. M. Kirov. Leningrad, 1956
(Dissertation for the Degree of Doctor in Sciences)
Agricultural

So: Knizhnava Letopis', No 17, 1956

GORDEYEV, A.V.

Speed up the establishment of raw material bases for long-term tree tapping. Gidroliz. i lesokhim. prom. 10 no.3:17-18 '57. (MLRA 10:5)

1. LenNIILKh.

(Tree tapping)

GORDEYEV, A.V.

Hardiness of the Grimena pine (Pinus pallasiana lamb) under tapping. Gidroliz i lesokhim. prom. 12 no.5:11-14 '59. (MIRA 12:10)

1. Leningradskiy nauchno-issledovatel'skiy institutlesnogo khozyaystva.
(Tree tapping) (Pine)

GORDEYEV, A.V., kand. sel'skokhozyaystvennykh nauk

Crimean pine and tapping. Priroda no.6:86 Je '60.
(MIRA 13:6)

1. Leningradskiy nauchno-issledovatel'skiy institut lesnogo khozyaystva.
(Pine) (Tree tapping)

GORDEYEV, A.V.

Organization of experimental production enterprises for long-period resin tapping. Gidroliz.i lesokhim.prom. 13 no.5:14-15 '60. (MIRA 13:7)

1. TSentral'nyy nauchno-issledovatel'skiy lesokhimicheskoy institut.
(Tree tapping)

GORDEYEV, A.V.

Main trends in the development of the tree-tapping industry in the central and southern regions of the U.S.S.R. Gidrolis. i lesokhim.prom. 13 no.7:12-13 '60. (MIRA 13:10)

1. TSentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut.
(Tree tapping)

GORDEYEV, A.V.

Urgent problems of research in the field of tree tapping. Gidroliz. i lesokhim.prom. 15 no.2:13-14 '62. (MIRA 18:3)

1. TSentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut.

GORDEYEV, A.V.

Classification of the systems, processes, and methods of tree tapping. Gidroliz.i lesokhim.prom. 15 no.8:14-15 '62. (MIRA 15:12)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektnyy institut lesokhimicheskoy promyshlennosti.
(Turpentining)

GORDEYEV, A.V.; TOBURDANOVSKIY, A.N.

Tapping terminology. Gidroliz. i lesokhim. prom. 16 no.6: 17-18 '63. (MIRA 16:10)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektnyy institut lesokhimicheskoy promyshlennosti.

GORDEYEV, A.V.; LUGVISHCHIK, V.V.

Resin productivity of southern pine species. Gidroliz. i lesokhim. prom. 18 no.3:17-18 '65. (MIRA 18:5)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektnyy institut lesokhimicheskoy promyshlennosti.

GORDEYEV, A.V., kandidat tekhnicheskikh nauk.

Adjustment of simplest typical figures of triangulation in the presence of conditions of sums. Sbor.st.po geod.no.5:89-92 '53. (Triangulation) (MIRA 9:7)

GORDEYEV, A.V.; LARCHENKO, Ye.G.

Loss of precision in solving systems of normal equations by means of gradual elimination of unknowns. Sbor. st. po geod. no.9:109-116 '55. (MLRA 9:6)
(Errors, Theory of) (Equations)

GORDEYEV, A.V.; LARCHENKO, Ye.G.

Using M.M.Lavrent'ev's formulas for determining the accuracy of normal equation solutions. Shor.st.po geod.no.10:55-61 '55.
(Equations, Linear) (MLRA 10:2)

GORDEYEV, Aleksandr Vasil'yevich; SHARUPICH, Stepan Georgiyevich; KHROMCHENKO, F.I., redaktor izdatel'stva; KUZ'MIN, G.M., tekhnicheskiy redaktor

[Compensating computation of typical figures in triangulation] Uravnivanie tipovykh figur triangulatsii. Izd. 2-oe, perer. i dop. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 194 p. (MLRA 10:2)
(Triangulation)

LARCHENKO, Yefim Gerasimovich; GORDEYEV, A.V., redaktor; INOZEMTSEVA, A.I., redaktor izdatel'stva; KUZ'MIN, G.M., tekhnicheskiy redaktor

[Mechanization of the computing work] Mekhanizatsiia vychislitel'nykh rabot. Moskva, Izd-vo geodez. lit-ry, 1956. 299 p. (MLRA 10:4)
(Calculating machines) (Mathematical instruments)

GORDEYEV, A. V.

"The Accuracy in the Solution of Systems of Linear Equations."

report presented at the Regular Scientific Conf. on Soil Sci., Geodesy and Aerophotogeodesy, at the MIIZ (Moscow Inst. for Soil Sci. Engineering.) 28-31 Jan 1958.

GORDEYEV, A.V.

3(4) PHASE I BOOK EXPLOITATION SOV/2028

Maslov, Aleksey Vasil'yevich, Yefim Gerasimovich Larchenko, Aleksandr Vasil'yevich Gordeyev, and Nikolay Nikolayevich Aleksandrov

Geodeziya, ch. 1 (Surveying, pt. 1) Moscow, Geodezizdat, 1958. 510 p. 13,000 copies printed. Errata slip inserted.

Ed.: A. V. Maslov; Ed. of Publishing House: A. I. Inozemtseva; Tech. Ed.: V. V. Romanova.

PURPOSE: This text is intended for the practical use of land surveyors and for students in vuzes specializing in land use sciences.

COVERAGE: The book is the first part of a three-part intensive course in surveying. It covers, in considerable detail, the fundamentals of plane surveying and cartography, especially in relation to agricultural uses. There is also an introduction to geodetic surveying. The text contains not only detailed

Card 1/20

Surveying (Cont.) SOV/2028

courses in the standard methods of surveying, such as transit traverses, stadia, differential leveling, plane table, and tacheometer uses, but also the simplest methods adaptable for farm work. Among the latter are visual estimation surveys, semi-instrumental surveys and barometric leveling. All instruments and adjustments involved therein are described in detail. Considerable space is devoted to the theory of errors and computations, also to adjustments in a wide range of precision. Cartography and cartographic instruments are treated only in conjunction with the compilation of large scale plans. Scientific personnel mentioned are: Professor P.M. Orlov, Docent I.V. Zubritskiy, and S.V. Vznuzdayev, Yu. V. Kemnitsa, K.S. Soberayskiy, and S.G. Sharupich. There are 70 references, 67 of which are Soviet, 1 German, 1 Hungarian and 1 Czech.

TABLE OF CONTENTS:

Card 2/20

S/035/60/000/006/030/038
A001/A001

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1960, No. 6, p. 95, # 5568

AUTHOR: Gordeyev, A. V.

TITLE: Simplified Derivation of the Formulae for Estimating the Precision of Intersections

PERIODICAL: Tr. Mosk. in-ta inzh. zemleustroystva, 1959, No. 3, pp. 73-80

TEXT: It is pointed out that all types of intersections in which occur 2 measured quantities have in common the following property: the position of a point being determined is obtained by the intersection of two lines (ξ and η), and a change of one of the measured quantities gives rise to the displacement of the point being determined along the line corresponding to the invariable value of the other quantity. Making use of this property, the author derives the formula for the root-mean-square error in the position of the point being determined, common for all the types of intersections, in terms of the root-mean-square errors M_ξ and M_η of this point along the directions of the lines

Card 1/2

S/035/60/000/006/030/038
A001/A001

Simplified Derivation of the Formulae for Estimating the Precision of Intersections

ξ and η. Formulae for determining M_ξ and M_η are derived by the author for the cases of direct, reverse, side and linear intersections. In conclusion, formulae are presented which express the elements of the ellipse of errors in terms of the errors M_ξ and M_η for all the types of intersections.

A. I. Fikhman

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

GORDEYEV, A.V.

Method of intermediate functions in estimating the accuracy of functions of values adjusted by a simplified method. Trudy MIIZ no.10:89-110 '60. (MIRA 16:12)

GIRSHBERG, Moisey Abramovich, dotsent; KOLOSOV, B.A., dotsent, retsenzent; GORDEYEV, A.V., dotsent, kand. tekhn. nauk, nauchnyy red.; KHROMCHENKO, F.I., red. izd-va; SUNGUROV, V.S., tekhn. red.

[Collection of problems in geodesy] Zadachnik po geodezii. Moskva, Izd-vo geodez. lit-ry. Pt.1. 1961. 287 p. (MIRA 15:2)

(Surveying—Problems, exercises, etc.)

GORDEYEV, Aleksandr Vasil'yevich; SHARUPICH, Stepan Georgiyevich; CHERMISIN, M.S., kand. tekhn. nauk, retsenzent; MASLOV, A.V., doktor tekhn. nauk, prof., red.; VASIL'YEVA, V.I., red. izd-va; SUNGUROV, V.S., tekhn. red.

[Adjustment of geodetic networks] Uravnoveshivanie geodezicheskikh setei. Moskva, Izd-vo geodez. lit-ry, 1961. 324 p. (MIRA 15:2)

(Surveying)

SELIKHANOVICH, Valeriya Georgiyevna, , dots., kand. tekhn.nauk;
KOZLOV, V.P., dots., retsenzent; MUZAFAROV, M.Kh.,
retsenzent; GORDEYEV, A.V., dots., red.; SHURYGINA, A.I.,
red.izd-va; SUNGUROV, V.S., tekhn. red.

[Problems in geodesy]Zadachnik po geodezii. Moskva, Geodezizdat, Pt.2. 1962. 270 p. (MIRA 15:12)
(Surveying--Problems, exercises, etc.)

BURMISTROV, Georgiy Alekseyevich; KEMNITS, Yu.V., retsenzent; LITVINOV,B.A., retsenzent; GORDEYEV, A.V., red.; SHURYGINA, A.I., red. izd-va; ROMANOVA, V.V., tekhn. red.

[Principles of the method of least squares] Osnovy sposoba naimen'shikh kvadratov. Moskva, Gosgeoltekhizdat, 1963. 391 p. (MIRA 16:6)

(Least squares)

YERSHOV, Yu.; GORDEYEV, B.

Soviet-Ceylon economic relations [with English summary in insert].
Vnesh. torg. 28 no.3:5-9 '58. (MIRA 11:5)
(Russia--Foreign economic relations--Ceylon)
(Ceylon--Foreign economic relations--Russia)

GORDEYEV, B.; GALANOV, A.

Principla tasks in the export of machinery equipment [with English summary in supplement]. Vnesh. torg. 29 no.5:2-9 '59.
(MIRA 12:6)

(Export sales) (Machinery industry)

GORDEYEV, B.

Let's improve the technical servicing of our equipment abroad. Vnesh. torg. 30 no.12:34-37 '60. (MIRA 13:12)
(Russia-- Commerce) (Machinery--Maintenance and repair)

GORDEYEV, B.

The U.S.S.R. is the biggest exporter of industrial equipment.
Vnesh. torg. 43 no.8:13-16 '63. (MIRA 16:8)
(Machinery industry)

GORDEYEV, B.G.

Problems of the managerial structure of the production grounds of hydropeat enterprises. Torf.prom. 30 no.9:13-14 S '53. (MLRA 6:8)

1. Torfopredpriyatiye "Chistoye."

(Peat industry)

VORONOV, Konstantin Gordeyevich; LEVSHIN, Filipp Mikhaylovich; GORDEYEV, B.S., red.; KAKHOVSKAYA, O.G., red.izd-va; TYSHKEVICH, Z.V., tekhn.red.

[Organization and technique of Soviet foreign trade in equipment] Voprosy organizatsii i tekhniki vneshnei torgovli SSSR oborudovaniem. Moskva, Vneshtorgizdat, 1960. 66 p. (MIRA 13:10)
(Russia--Commerce) (Machinery industry)

GORDEYEV, D. LT. COL.

AID P - 904

Subject : USSR/Aeronautics

Card 1/1 Pub. 135 - 14/19

Author : Gordeyev, D., Lt. Col.

Title : Textbook on aircraft navigation

Periodical : Vest. vozd. flota, 5, 76-78, My 1954

Abstract : The author stresses the necessity of the publication of a textbook on navigation. He outlines the problem and analyses the suggested contents of the proposed textbook.

Institution : None

Submitted : No date

L 09202-67 EWT(d)/EWT(l)/EEC(k)-2/EWP(k)/FSS-2 IJP(c) WG
ACC NR: AP7002772 SOURCE CODE: UR/0107/66/000/008/0003/0005

ALYAKISHEV, S., GORDEYEV, D., and OSTAPCHENKO, Ye.

ORG: none

66
C

"Lasers and Communications"

Moscow, Radio, No 8, 66, pp 3-5

TOPIC TAGS: gas laser, laser communication, semiconductor laser

Abstract: In this popular article, the authors describe briefly the properties and applications of the three principle types of lasers: solid, gas and semiconductor. They note that gas lasers are the most widely used in practice, being applicable in multi-channel optical communication lines. In order to realize the theoretical capacity of gas lasers for communications, it will be necessary to develop lasers with high power which radiate on one frequency, as well as optical frequency converters, wide band modulaters and detectors. Most gas lasers of today use helium and neon as the gas mixture which radiates the light. As the gas laser operates, the atoms of neon are excited, then drop to a lower energy level and irradiate a quantum of light, the frequency of which is proportional to the difference in the energies of the higher and lower states of the excitation. At the present time, gas lasers operate in the wave length range from 0.25 to 132 microns. The primary problem in creating optical communications lines is modulation of the radiation. The transmitting and receiving antennas used with gas laser communications lines are ordinary telescopes. Laser technology is advancing rapidly; the usage of lasers in many areas of science will have a revolutionary effect. Orig. art. has: 5 figures. [JPRS: 38,202]

SUB CODE: 20 / SUBM DATE: none

Card 1/1 fvp

0925 1650

L 11330-67 EEC(k)-2/EWP(k)/EWT(l) IJP(c) WC
ACC NR: AP6035707 SOURCE CODE: UR/0413/66/000/019/0054/0054

41

INVENTOR: Alyakishev, S. A.: Gordeyev, D. V.: Ostapchenko, Ye. P.

ORG: none

TITLE: Measuring divergence of a laser beam. Class 21, No. 186563

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 54

TOPIC TAGS: laser beam, laser optics

ABSTRACT: This Author Certificate describes a method for measuring the divergence of a laser beam in which measurement time is decreased by splitting the beam in two. One beam proceeds normally to a registering device. The second beam travels a longer path via multiple reflections, and after passing through an adjustable lens system, is also directed to the registering device. The setting of the lens system indicates the degree of beam divergence.

SUB CODE: 20/ SUBM DATE: 17Jul65/

Card 1/1 UDC: 621.375.8

L 29719-66 EEC(k)-2/EWP(k)/EWT(1)/FBD/T IJP(c) WG/GW

ACC NR: AP6016918 SOURCE CODE: UR/0006/66/000/005/0009/0015

AUTHOR: Golosov, V. V.; Gordeyev, D. V.; Ostapchenko, Ye. P.; Perebyakin, V. A.; Khomaza, V. F.

69
B

ORG: none

TITLE: Possible use of gas lasers in high-precision measurements of distances

SOURCE: Geodeziya i kartografiya, no. 5, 1966, 9-15

TOPIC TAGS: optic range finder, ~~laser range finder~~ / SG-2M OPTIC RANGE FINDER, LG-55 GAS LASER

ABSTRACT: The authors describe experiments in which the light source of a precision optical range finder (SG-2M) was replaced by a small gas laser. The purpose of the experiment was to increase the accuracy of distance measurements with such a range finder and to permit its use under daylight conditions. Another advantage of the laser is that it delivers a beam of much narrower spectral width. The gas was a mixture of helium and neon operating at 6328 Å and delivering not less than 1 mW. The measurements were made of distances of the order of 3 km in sunlight and during twilight. In daylight, when the ordinary light source could not be used, the mean square measurement accuracy was ±2.4 mm, and in twilight, ±1.3 mm. Equipping the range finder with a laser approximately doubled the maximum distance measurable at night. The requirements that must be satisfied by the laser are specified, and it is found that the LG-55 developed by one of the MEP SSSR enterprises is the most suitable for this purpose.

Card 1/2 UDC: 528.021.7 - 187.4: 621.378.325

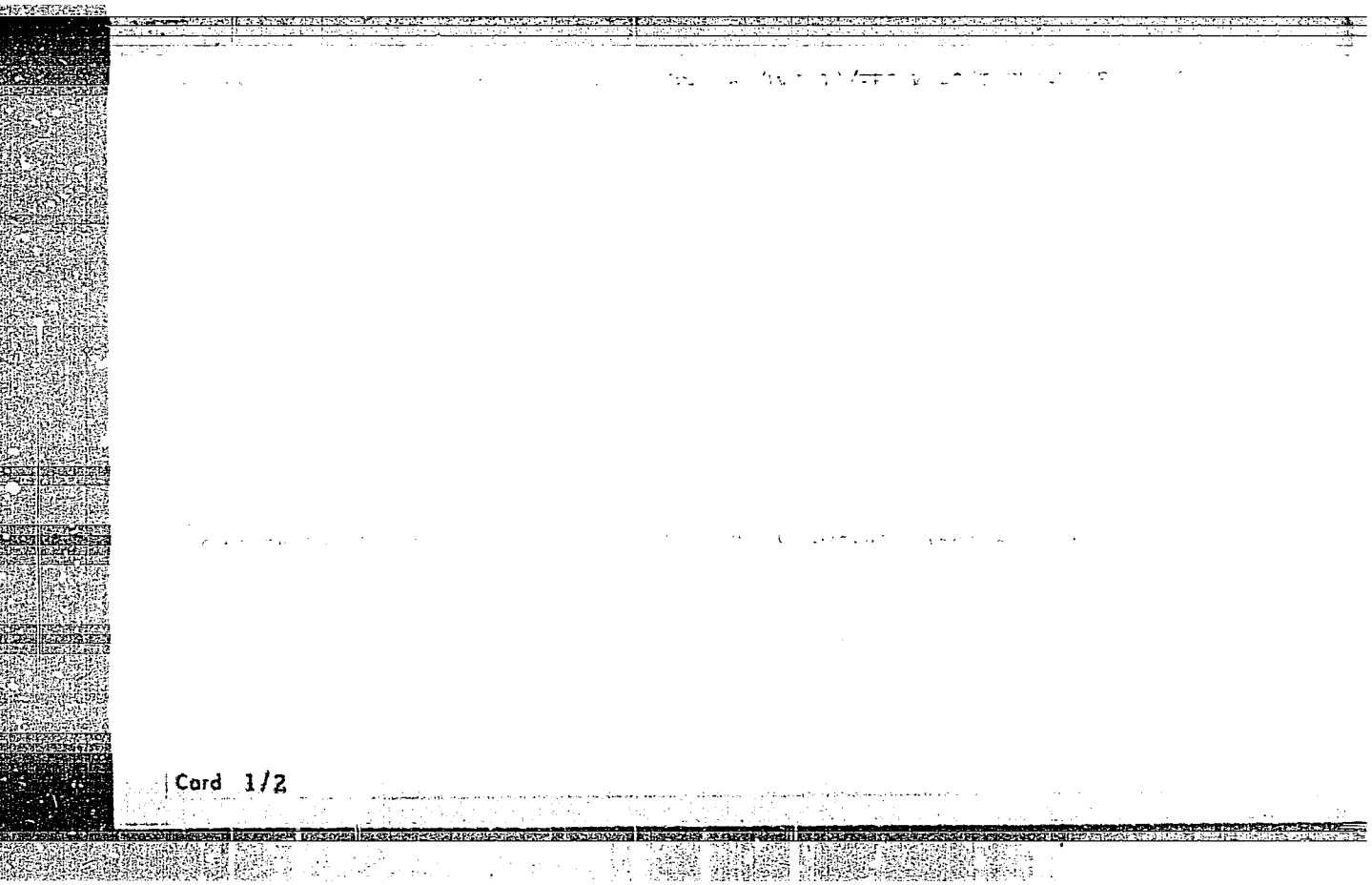
L 29719-66

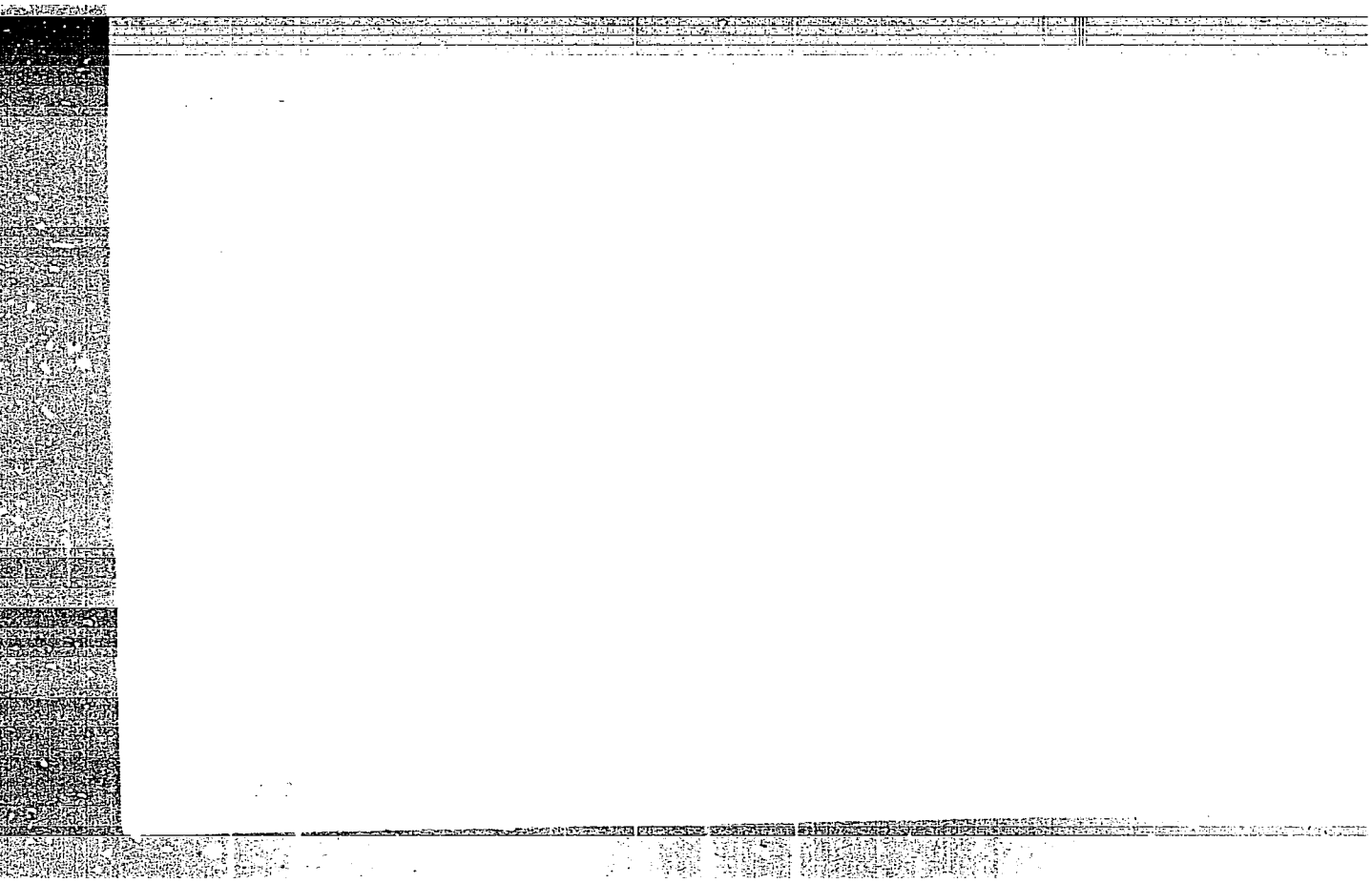
ACC NR: AP6016918 O

The specifications of this laser are listed. It is concluded that the development of optical range finders with gas lasers offers distinct advantages. Orig. art. has: 3 figures, 3 formulas, and 2 tables. [02]

SUB CODE: 17,20/ SUBM DATE: 00/ ATD PRESS: 5613

Card 2/2 cc





APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000516120015-0"

ACC NR: AP6036816 SOURCE CODE: UR/0368/66/005/005/0687/0689

AUTHOR: Gordeyev, D. V.; Ostapchenko, Ye. P.; Perebyakin, V. A.

ORG: none

TITLE: Selection of the geometrical dimensions for gas-laser resonators

SOURCE: Zhurnal prikladnoy spektroskopii, v. 5, no. 5, 1966, 687-689

TOPIC TAGS: laser, gas laser, laser optics

ABSTRACT: A formula is derived which makes it possible to calculate the possible difference frequencies in multimode operation for different resonator sizes. These data can be used in plotting diagrams for selecting a gas laser resonator with a given number of difference frequencies in a definite region of the spectrum. The particular case of the selection of dimensions for the resonator of a laser intended for use in a phototelemeter as a light source was investigated. If the radiation modulation has a frequency of approximately 10 Mcps, then the difference frequencies should be eliminated in the range from 0 to 50 Mcps. The length of the resonator should be at least 0.2 m; it should not exceed 0.4 m. The mirrors can have curvature radii of 0.5, 1, and 2 m. When mirrors with curvature radii of 0.1 or 0.2 m are used, any length of resonator in the range from 02. to 0.4 m can be selected. When mirrors with a curvature radius of 0.5 m are used, the optimum resonator length is 0.3 m. A reduction of the resonator length up to 0.2—0.25 m is possible only when

Card 1/2 UDC: 621.375.9

ACC NR: AP6036816

the transverse oscillations with the sum of indices m + n = 4 are suppressed. The authors thank Yu. M. Ryazantsev for his help in the calculations. Orig. art. has: 2 formulas and 2 figures. [WA-14]

SUB CODE: 20/ SUBM DATE: 15Oct65/ OTH REF: 001/

Card 2/2

YEGOROV, Konstantin Vasil'yevich, prof.; GORDEYEV, D.G., red.

[Elements of the dynamics of automatic control systems with random perturbations] Elementy dinamiki sistem avtomaticheskogo regulirovaniia pri sluchainykh vozdeistviiakh. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1965. 30 p. (MIRA 18:12)

GORDEYEV, D.I.

GANDLEVSKIY, Mark Moiseyevich; GORDEYEV, D.I., kand.tekhn.nauk, dotsent; GRIGORASH, K.I., red.; PETROVA, I.A., red.; ZUDAKIN, I.M., tekhn.red.

[Power servomechanism] Silovoi sledíashchii privod. Moskva, Gos. izd-vo obor.promyshl., 1957. 197 p. (MIRA 11:1)
(Servomechanisms)

GORDEYEV, D.I.

Academic expeditions of the second half of the 18th century and their role in the development of hydrogeological knowledge in Russia. Trudy Lab.gidrogeol.probl. 1:245-270 '48. (MLRA 9:9)

(Water, Underground)

GORDEYEV, D.I.

M.V. Lomonosov's opinion of underground water. Trudy Lab. gidrogeol.probl. 1:233-244 '48. (MLRA 9:9)

(Water, Underground) (Lomonosov, Mikhail Vasil'evich, 1711-1765)

GORDEYEV, D.I.

Gordeyev, D.I. "Karst questions in the works of Academician F. P. Savarendkiy", in the collection: Karstovedeniye, Issue 1, Molotow, 1948, p. 17-24, - Bibliog: p. 24.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 9, 1949)

GORDEYEV, D. I.

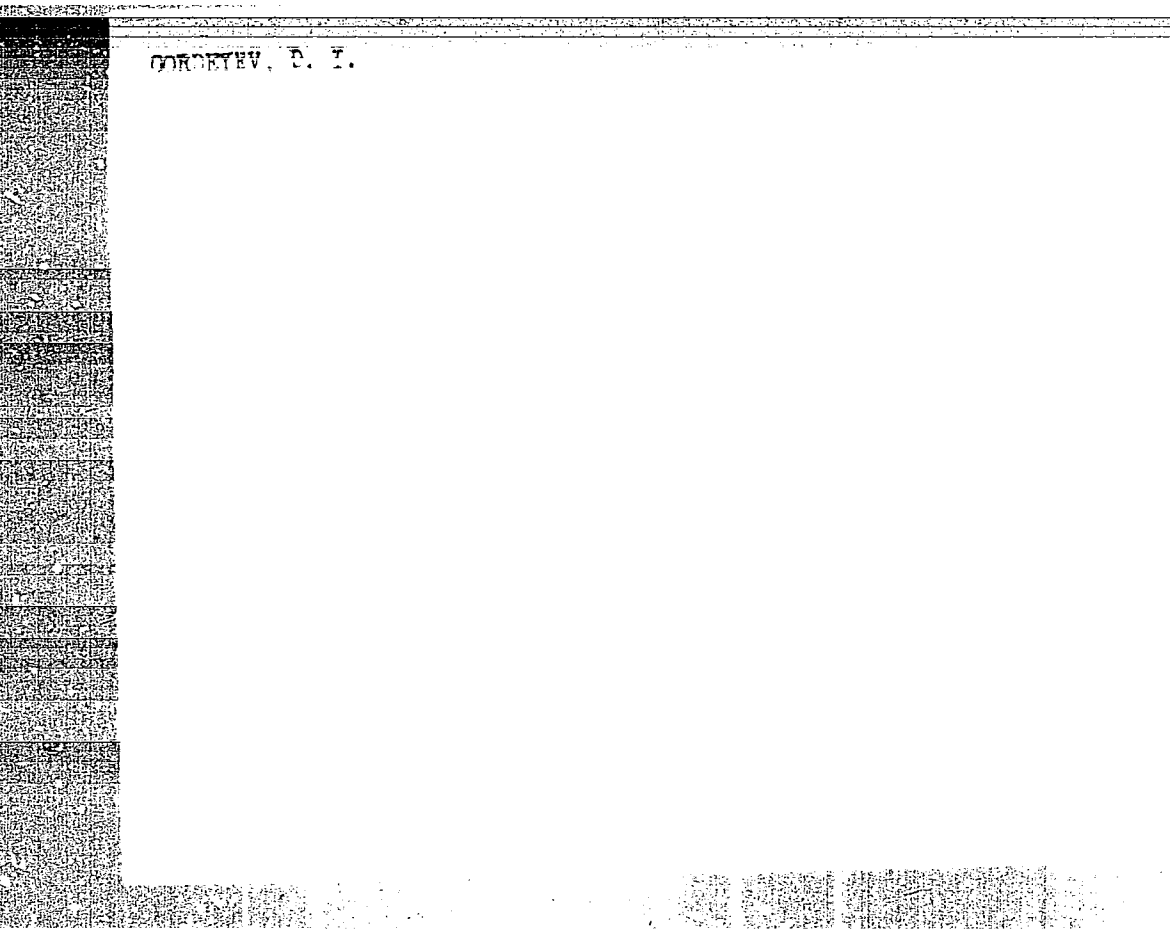
Gordeyev, D. I. "Successes and general problems of Soviet hydrogeology", Trudy Laboratorii gidrogeol. problem im, akad. Savarenskogo (Akad. nauk SSSR, Otd-niye geol.-geogr. nauk), Vol. III, 1948, p. 387-97.

SO: U-2888, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

GORDEYEV, D. I.

"Basic Stages in the History of Native Hydrogeology." Thesis for degree of Dr. Geological-Mineralogical Sci. Sub 26 May 49, Moscow Order of Lenin State U imeni M. V. Lomonosov.

Summary 82, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.



1. GORDEYEV, D. I.

2. USSR (600)

4. Dokuchaev, Vasilii Vasil'evich, 1846-1903

7. Role of V. V. Dokuchaev in the history of Russian hydrogeology, Trudy Lab. gidrogeol. probl., No. 6, 1949.

9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

GORDEYEV, D. I.

GORDEYEV, D. I. - "Basic Stages in the History of Domestic Hydrogeology." Sub 14 Nov 52, Moscow Order of Lenin State U imeni M. V. Lomonosov. (Dissertation for the Degree of Doctor in Geological and Mineralogical Sciences).

SO: Vechernaya Moskva January-December 1952

GORBUNOV, D.I.; LANGE, O.K., professor, redaktor.

[M.V.Lomonosov as the founder of geology] M.V.Lomonosov -- osnovopolozhnik geologicheskoi nauki. [Moskva] Izd-vo Moskovskogo Universiteta, 1953. 151 p. (MLRA 7:5)

(Lomonosov, Mikhail Vasil'evich, 1711-1765)

GORDEYEV, D. I. Dr.

"G. Ye. Shchurovskiy as a Geologist and His School," a paper given at the All-University Scientific Conference, "Lomonosov Lectures", Vest. Mosk. Un., No.8, 1953.

Translation U-7895, 1 Mar 56

Director, Chair of the History of Geological Sciences

GORDEYEV, D.I.

Oktavii Konstantinovich Lango. Biul.MOIP. Otd.geol. 28 no.6:79-88 '53. (MLRA 6:12)

(Lango, Oktavii Konstantinovich, 1883-)

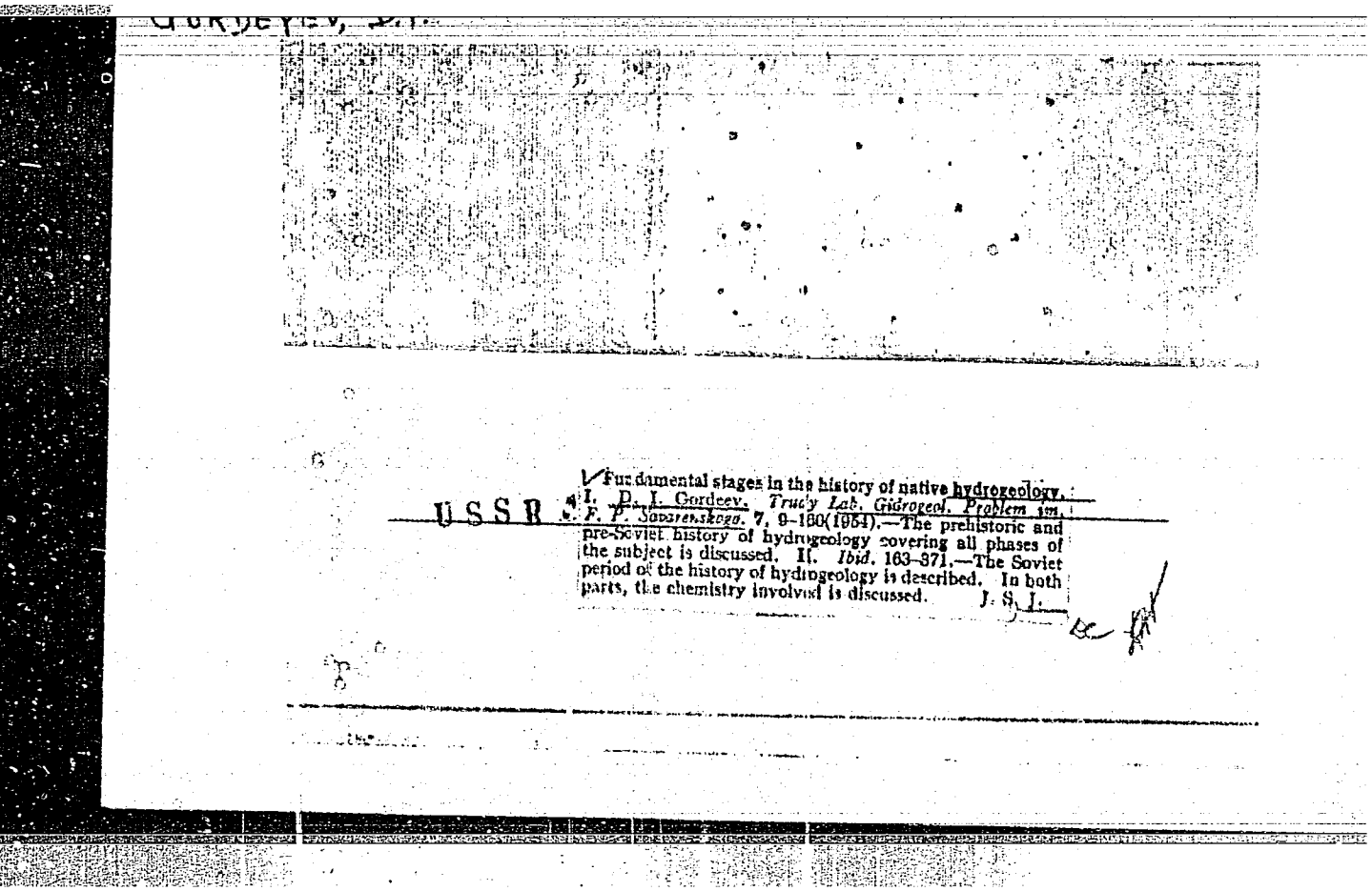
ANDREYEVA, Yekaterina; GORDEYEV, D.I., doktor geologo-mineralogicheskikh nauk, redaktor; ROSSOVA, S.M., redaktor.

[Riddles of the ages] Vekovye zagadki. Moskva, Gos.nauchno-tekhn. izd-vo lit. po geologii i okhrane nedr, 1954. 181 p. (MLRA 8:5)
(Geography--Curious and miscellany)

[redacted]., doktor geologo-mineralogicheskikh nauk, redaktor; SLAVYANOV, N.N, redaktor; LANGE, O.K., professor, doktor geologo-mineralogicheskikh nauk, zasluzhennyy deyatel' nauki Uzbekskoy SSR, redaktor; [redacted]SKIY, G.N., professor, doktor geologo-mineralogicheskikh nauk, redaktor; PRIKLONSKIY, V.A., doktor geologo-mineralogicheskikh nauk, redaktor; MAKARENKO, F.A., kandidat geologo-mineralogicheskikh nauk, redaktor; PISKUNOV, V.M., redaktor; POLYAKOVA, T.V., tekhnicheskiy redaktor.

Main stages of history of Russian hydrogeology. Trudy Lab. gidrogeol.probl. 7:3-382 '54. (MIRA 8:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Slavyanov).
(Water, Underground)(Geology)



USSR

Fundamental stages in the history of native hydrogeology. I. P. I. Gordeev. *Trudy Lab. Gidrogeol. Problem im. F. P. Savarenskogo*. 7, 9–180(1954).—The prehistoric and pre-Soviet history of hydrogeology covering all phases of the subject is discussed. II. *Ibid*. 163–371.—The Soviet period of the history of hydrogeology is described. In both parts, the chemistry involved is discussed. J. S. J.

GORDEYEV,D.I., professor, doktor geologo-mineralogicheskikh nauk; SLAVYANOV,N.N. redaktor; LANGE,O.K., professor, redaktor; KAMENSKIY,G.N., professor, doktor geologo-mineral'nykh nauk, redaktor; PRIKLONSKIY,V.A., professor, doktor geologo-mineral' nykh nauk, redaktor; MAKARENKO,F.A., doktor geologo-mineral' nykh nauk, redaktor SPRYGINA,L.I., redaktor; GRAKOVA,Ye.D., tekhnicheskiy redaktor.

Life and work of Academician F.P.Savarenskii; his role in the development of Soviet hydrogeology and engineering geology. Trudy Lab. gidrogeol. probl. 11:3-213 '54. (MLRA 8:6)
(Savarenskii, Fedor Petrovich, 1881-1946)

GORDAYEV, D.I.

G.E.Shchurovskii as a geologist and his school. Biul.MOIP. Otd.geol. 29 no.2:57-62 Mr-Ap '54. (MLRA 7:7)
(Shchurovskii, Grigorii Efimovich, 1803-1890)

ZOLOTAREV, M.A.; PIDOPLICHKO, I.G.; FEDOROV, P.V.; VASIL'YEV, V.N.; IVANOVA, I.K.; GROMOV, V.I.; SOKOLOV, D.S.; ZHIRMUNSKIY, A.M.; PARMUZIN, Yu.P.; PLYUSNIN, I.I.; KATS, N.Ya.; GRICHUK, V.P.; YEFREMOV, Yu.K.; MOSKVITIN, A.I.; LEBEDEV, V.D.; TEODOROVICH, G.I.; ZVORYKIN, K.V.; MIKHNOVICH, V.P.; GALITSKIY, V.V.; MAKEYEV, P.S.; NIKIFOROVA, K.V.; GORDEYEV, D.I.; YANSHIN, A.L.; DUMITRASHKO, N.V.; SHANTSER, Ye.V.; P'YAVCHENKO, N.I.; FLEROV, K.K.; PIDOPLICHKO, I.G., dekter bielegicheskikh nauk, professer.

Papers presented at the conference on the history of Quaternary flora and fauna in relation re the development of Quaternary glaciation. Trudy Kom.chetv.per. 12:129-189 '55. (MIRA 9:4)

1.Gidrometeosluzhba (for Zolotarev).2.Zoologicheskiy institut AN USSR (for Pidoplichko).3.Institut okeanologii AN SSSR (for Fedorov).4.Botanicheskiy institut AN SSSR (for Vasil'yev).5.Komissiya po izucheniyu chetvertichnoge perioda AN SSSR (for Ivanova).6.Institut geologicheskikh nauk AN SSSR (for Gromov, Yanshin, Nikiforova, Moskvitin).7.Moskovskiy geologo-razvedochnyy institut imeni Ordzhonikidze (for Sokolov). 8.Akademiya nauk Belorusskoy SSR (for Zhirmunskiy).9.Moskovskiy institut inzhenerov vodnogo khozyaystva (for Plyusnin).10.Geograficheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta (for Yefremov, Parmuzin).11.Moskovskiy gosudarstvennyy universitet (for Lebedev, Zvorykin).12.Institut nefti AN SSSR (for Teodorovich).13.Transproektkar'yer Ministerstva putey soobshcheniya (for Mikhnovich).14.Vsesoyuznyy aerogeologicheskiy trest (for Galitskiy).15.Sovet po izucheniyu proizvoditel'nykh sil AN SSSR (for Makeyev).

(Continued on next card)

ZOLOTAREV, M.A.----(continued) Card 2.

16. Laboratoriya gidro-geologicheskikh problem AN SSSR (for Gordeyev).
17. Institut geografii AN SSSR (for Dumitrashko, Grichuk).

(Paleontology) (Paleobotany) (Glacial epoch)

BUBLEYNIKOV, Feofan Dmitriyevich; GORDEYEV, D.I., redaktor; ANISIMKIN, I.F., redaktor izdatel'stva; KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Geological prospecting in Russia] Geologicheskie poiski v Rossii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 250 p. (MLRA 10:2)
(Prospecting)

GORDEYEV, D.I.

15-57-2-1197

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 2, p 2 (USSR)

AUTHOR: Batyushkova, I. V.

TITLE: Convention on the History of Geology (Soveshchaniye po istorii geologii)

PERIODICAL: V sb.: Vopr. istorii yestestvozn. i tekn. Nr 1, Moscow, AN SSSR, 1956, pp 312-314

ABSTRACT: In his report, "The State of Knowledge of and the Problems in the Scientific Research on the History of Geology", D. I. Gordeyev points out the main courses leading to the development of the history of geology. These courses are: clarifying the history of geology from the Marx-Lenin viewpoint; establishing the part played by the Russian geologists in the development of geology; a systematic study of the old documents on the history of geology. This work should include the development of a method for subdividing the history of geology into periods, writing of monographs on the main

Card 1/3

Convention on the History of Geology (Cont.)

stages in the growth of various branches of geology, and writing of monographs on the history of separate important problems and discoveries. Scientific research on the history of geology should explain the ideological struggle in the science of geology, and it should show how the elements of the objective dialectic of nature were discovered in the course of growth of geology. It will be necessary in this work to clear the history of geology of all falsehood. The development of geology in Russia should be studied together with the development of this science in the whole world. N. S. Shatskiy pointed out the necessity for studying the archives of not only the Department of Mines, but also those of the universities and other scientific organizations where the greatest geological workers of Russia were concentrated. V. V. Tikhomirov proposed that the plan for publishing works on the history of geology be broadened, and also that the "Syllabus of Russian Geologists" be prepared. The convention resolved that the efforts of the scientists working on the subject of the history of geology

Convention on the History of Geology (Cont.)

should be concentrated on the creation of a popular scientific work, "The History of Geology."

Card 3/3

G. I. D.

15-1957-7-8881

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7, p 1 (USSR)

AUTHOR: Gordeyev, D. I., Sergeyev, Ye. M.

TITLE: Geology Department of the MGU on the Bicentennial Anniversity of the University. (Geologicheskiy fakultet MGU k 200-letiyu universiteta (1755-1955))

PERIODICAL: Uch. Zap. Mosk. un-t, 1956, Nr 176, pp 5-15

ABSTRACT: Geology was originally taught at Moscow University as a branch of natural history in the department of medicine and partly in the department of philosophy. An important role in the teaching of geology was played by the Museum of Natural History at the University, which contained a mineral display compartment -- the nucleus of the subsequently organized mineralogical, geological, paleontological and petrographical museums of the University. A course in mineralogy and agriculture was established in 1804; in 1835 a course in mineralogy and geognosy was separated from it, and

Card 1/3

Geology Department of the MGU on the Bicentennial Anniversity of the University (Cont.)

this was again subdivided in 1861 into a course in geognosy and paleontology, and a course in mineralogy. An important part in the development of geological science at Moscow University was played by G. Ye. Shchurovskiy, K. F. Rul'ye, A. P. Pavlov and V. I. Vernadskiy. Many new geological courses were established at Moscow University after the October revolution. Prior to 1930 teaching positions at the University were occupied by A. P. Pavlov (general geology), M. B. Pavlova (paleontology), A. D. Arkhangel'skoy (USSR geology), G. F. Mirchink (historical geology and the geology of Quaternary deposits), Ya. V. Samoylov (mineralogy), N. N. Smirnov (petrography), G. V. Vul'f (crystallography) and others. Before 1930 geologists were enrolled in the physical-mathematical department of the University. Then in 1930 the Moscow Geological Prospecting Institute was created out of the geological prospecting department of the Moscow Mining Academy and the geological-mineralogical department of Moscow University. In 1938 the